

REMARKS/ARGUMENTS

Applicants acknowledge receipt of the Office action dated October 27, 2004 and the Notice of Non-Compliant Amended dated March 11, 2005. Applicants have previously responded to the Office action by way of a Response dated February 28, 2005, and have previously responded to the Notice by paper dated April 5, 2005. However, Applicants submit this Supplemental Response to further address previously lodged objections, to make of recorded an Examiner interview, and to make a plurality of claim amendments.

With this Supplemental Response, Applicants amend claims 1, 3, 4, 6, 21 and 23, and cancel claims 22 and 25. Reconsideration is respectfully requested.

I. AMENDMENTS TO THE SPECIFICATION

With this Supplemental Response, Applicants present a plurality of amendments to the specification to address the Examiner's objections to the drawings, and to correct grammatical and typographical errors. No new matter is presented.

II. OBJECTIONS TO THE DRAWINGS

With this Supplemental Response, Applicants submit amended drawings to address some of the objections to the drawings. In particular, Figures 1A and 1B now carry the designation "prior art." Figure 7 now contains the reference number 516 (rather than 712 so as to make consistent the use of the reference number 516 (see below)), and Figure 12 now contains the reference numbers 902 and 904. It is noted that the locations of the microprocessor and A/D converter were specifically called out in the originally submitted drawings. No new matter is presented.

The Office action dated October 27, 2004, in numbered paragraph 2, also objects to Figures 3-8 for allegedly using "numerals to designate the same elements." It is assumed that the objection is to using "[different] numerals to designate the same elements." With this Supplemental Response, Applicants amend Figure 5 and 6 (and the specification) to address this objection.

Finally, the Office action dated October 27, 2004 also objected to Figure 8A for allegedly failing to show reference number 812; however, reference number 812 is not used in the specification.

III. CLAIM AMENDMENTS

With this Supplemental Response, Applicants amend claims 1, 3, 4 and 6 to place the claims in better form. These are not narrowing amendments. Further, Applicants amend claim 21 to include limitations of claims 22 and 25, now cancelled. Applicants respectfully submit that claim 21 is not anticipated by Olson (US Pat. No. 6,611,769), or obvious over Olson in view of Morgenthale (5,831,176).

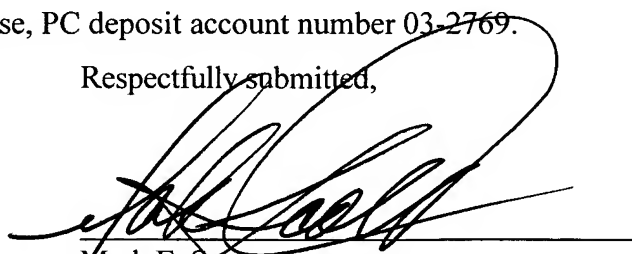
IV. EXAMINER INTERVIEW

Applicants, by and through the undersigned attorney, held a telephonic interview with Examiner Patel April 28, 2005. In that interview it was discussed that the Examiner had previously spoken to Mr. Bob Gray about the allowability of claims 1-20. Claims 21 and 23 were discussed. No prior art was discussed. No agreements were reached.

V. CONCLUSION

Applicants respectfully request reconsideration and that a timely Notice of Allowance be issued in this case. It is believed that no extensions of time or fees are required, beyond those that may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required (including fees for net addition of claims) are hereby authorized to be charged to Conley Rose, PC deposit account number 03-2769.

Respectfully submitted,



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ATTORNEY FOR APPLICANTS

Appl. No. 10/726,402

Amdt. dated April 29, 2005

Response to Notice of Non-Compliance Dated March 11, 2005

Amendments to the Drawings:

The attached sheet of drawings includes changes to Figs. 1A, 1B, 5-7 and 9. These sheets (1/7, 3/7, 4/7, 5/7 and 7/7), which include Figs. 1, 5-7, 8A, 9 and 10, replace the original sheets including these same figures. Figures 1A and 1B now include the legend "prior art." On Figures 5 and 6, the reference numbers for the same elements are made consistent. In Figure 7 the circuit board reference number is included, and in Figure 9 the microprocessor and A/D converter reference numbers are included.

Attachment: Replacement Sheets